

**NEW CLAIMS**

1. Powdered disinfectant based on active oxygen and containing a peracetic acid-generating system formed of a peroxide and an acylating agent together with nonionic surfactants, wherein said nonionic surfactants are free from alkoxylated alkyl phenols and comprise linear or 2-methyl-branched ether alcohols corresponding to the formula



- 10 wherein the alkyl and alkenyl residues R are made up as follows:

	$\text{C}_8$	=	0 to 5 % by weight;
	$\text{C}_{9-10}$	=	75 to 90 % by weight;
	$\text{C}_{11-12}$	=	5 to 15 % by weight;
	$\text{C}_{13-14}$	=	4 to 10 % by weight;
15	$\text{C}_{15-16}$	=	0 to 3 % by weight.

2. Disinfectant according to claim 1, characterized in that the above-mentioned peroxide is selected from the group of sodium perborate monohydrate, sodium perborate tetrahydrate, sodium percarbonate and mixtures thereof.

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3. Disinfectant according to one or more of claims 1 or 2, characterized in that the above-mentioned acylating agent is selected from the group of tetraacetyl glycoluril, tetraacetyl ethylenediamine, diacetyl hexahydrotriazine dione and mixtures thereof.

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4. Disinfectant according to one or more of claims 1 to 3, characterized in that it contains  
10 to 70 % by weight, preferably 15 to 60 % by weight of the above-mentioned peroxide,

10 to 40 % by weight, preferably 15 to 30 % by weight of the above-mentioned acylating agent,

0.1 to 10 % by weight, preferably 0.5 to 5 % by weight, of the above-mentioned nonionic surfactant and

5 to 100 % by weight of soluble inorganic salt and optionally further auxiliaries.

5. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting surfaces.

10 6. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting instruments.

7. Use of the disinfectants according to any one of claims 1 to 4 for killing gram-positive bacteria.

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8. Use of the disinfectants according to any one of claims 1 to 4 for killing mycobacteria.

9. Use of the disinfectants according to any one of claims 1 to 4 for killing  
20 viruses.